

WEST

Freeform Search

Database: US Patents Full-Text Database US Pre-Grant Publication Full-Text Database JPO Abstracts Database EPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins

Term: L11 not l10

Display: 10 **Documents in Display Format:** CIT **Starting with Number:** 1

Generate: Hit List Hit Count Side by Side Image

Search History

DATE: Wednesday, July 17, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	L11 not l10	1	<u>L12</u>
<u>L11</u>	(glycoside) near (l5)	2	<u>L11</u>
<u>L10</u>	(sugar) near (l5)	2	<u>L10</u>
<u>L9</u>	(sugar) same (l5)	57	<u>L9</u>
<u>L8</u>	l3 and l4 and l5	14	<u>L8</u>
<u>L7</u>	l3 and l4 and l5	0	<u>L7</u>
<u>L6</u>	l2 and l3 and l4 and l5	0	<u>L6</u>
<u>L5</u>	perfluoro\$	17659	<u>L5</u>
<u>L4</u>	diamagnetic\$	1661	<u>L4</u>
<u>L3</u>	paramagnet\$	6068	<u>L3</u>
<u>L2</u>	unger.in.	692	<u>L2</u>
<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	548096.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

Welcome to STN International! Enter x:x

LOGINID : SSSPTA1208DXJ

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAplus and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19 Jun 03 New e-mail delivery for search results now available
NEWS 20 Jun 10 MEDLINE Reload
NEWS 21 Jun 10 PCTFULL has been reloaded
NEWS 22 Jul 02 FOREGE no longer contains STANDARDS file segment

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 08:24:41 ON 17 JUL 2002

=> fil .search

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 08:25:01 ON 17 JUL 2002 ✓

FILE 'CAPLUS' ENTERED AT 08:25:01 ON 17 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 08:25:01 ON 17 JUL 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'USPATFULL' ENTERED AT 08:25:01 ON 17 JUL 2002
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 08:25:01 ON 17 JUL 2002
COPYRIGHT (C) 2002 Elsevier Science B.V. All rights reserved.

=> s perfluoro(w)alkyl?
L1 1854 PERFLUORO(W) ALKYL?

=> s l1 and (paramagnet? and diamagnet?)
L2 0 L1 AND (PARAMAGNET? AND DIAMAGNET?)

=> s l1 and paramagnet?
L3 0 L1 AND PARMAGNET?

=> s l1 and diamagnet?
L4 14 L1 AND PARAMAGNET?

=> s l4 and diamagnet?
L5 0 L4 AND DIAMAGNET?

=> dup rem l4
PROCESSING COMPLETED FOR L4
L6 14 DUP REM L4 (0 DUPLICATES REMOVED)

=> d ibib ab 1-
YOU HAVE REQUESTED DATA FROM 14 ANSWERS - CONTINUE? Y/ (N) :y

L6 ANSWER 1 OF 14 USPATFULL
 ACCESSION NUMBER: 2001:91229 USPATFULL
 TITLE: .alpha.-olefins and olefin polymers and processes
 therefor
 INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 Arthur, Samuel David, Wilmington, DE, United States
 Feldman, Gerald, Hockessin, DE, United States
 McCord, Elizabeth Forrester, Hockessin, DE, United States
 McLain, Stephan James, Wilmington, DE, United States
 Kreutzer, Kristine Ann, Wilmington, DE, United States
 Bennett, Alison Margaret Anne, Wilmington, DE, United States
 Coughlin, Edward Bryan, Wilmington, DE, United States
 Ittel, Steven Dale, Wilmington, DE, United States
 Parthasarathy, Anju, Glenmoore, PA, United States
 Tempel, Daniel Joseph, Carrboro, NC, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)

PATENT ASSIGNEE(S):
 NUMBER KIND DATE

 PATENT INFORMATION: US 6310163 B1 2001030
 APPLICATION INFO.: US 1997-899002 19970710 (8)
 RELATED APPLN. INFO.: Division of Ser. No. US 1996-590650, filed on 24 Jan 1996, now patented, Pat. No. US 5880241
 Continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned Continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: GRANTED
 PRIMARY EXAMINER: Wu, David W.
 ASSISTANT EXAMINER: Rabago, R.
 NUMBER OF CLAIMS: 41
 EXEMPLARY CLAIM: 1
 LINE COUNT: 12859

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure which gives some of them unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-diimine ligand and a selected Lewis or Bronsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 1 OF 14 USPATFULL (Continued)
 Bronsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 2 OF 14 USPATFULL
 ACCESSION NUMBER: 2001:56069 USPATFULL
 TITLE: .alpha.-olefins and olefin polymers and processes
 therefor
 INVENTOR(S): Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

 PATENT INFORMATION: US 6218493 B1 20010417
 APPLICATION INFO.: US 1997-891224 19970710 (8)
 RELATED APPLN. INFO.: Division of Ser. No. US 1996-590650, filed on 24 Jan 1996, now patented, Pat. No. US 5880241
 Continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned Continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Wu, David W.
 ASSISTANT EXAMINER: Rabago, R.
 NUMBER OF CLAIMS: 24
 EXEMPLARY CLAIM: 1
 LINE COUNT: 12833

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-diimine ligand and a selected Lewis or Bronsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 3 OF 14 USPATFULL
 ACCESSION NUMBER: 2000:146485 USPATFULL
 TITLE: Polymers of cyclopentene
 INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 McLain, Stephan James, Wilmington, DE, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

 PATENT INFORMATION: US 6140439 20001031
 APPLICATION INFO.: US 1997-891405 19970710 (8)
 RELATED APPLN. INFO.: Division of Ser. No. US 1996-590650, filed on 24 Jan 1996, now patented, Pat. No. US 5880241 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Wu, David W.
 ASSISTANT EXAMINER: Rabago, Roberto
 LEGAL REPRESENTATIVE: Evans, Craig H., Lerman, Bart, Citron, Joel D.
 NUMBER OF CLAIMS: 34
 EXEMPLARY CLAIM: 1
 LINE COUNT: 12751

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-diimine ligand and a selected Lewis or Bronsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 4 OF 14 USPATFULL

ACCESSION NUMBER: 2000:109926 USPATFULL
 TITLE: Copolymer of an olefin and an unsaturated partially fluorinated functionalized monomer
 INVENTOR(S): Wang, Lin, Hockessin, DE, United States
 Yang, Zhen-Yu, Wilmington, DE, United States
 PATENT ASSIGNEE(S): E.I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina at Chapel Hill, Chapel Hill, NC, United States (U.S. corporation)

NUMBER	KIND	DATE
US 6107422	20000822	
US 1997-899003	19970710 (8)	
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-590650, filed on 24 Jan 1996, now patented, Pat. No. US 5880241 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned	

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wu, David W.

ASSISTANT EXAMINER: Rabago, Roberto

LEGAL REPRESENTATIVE: Citron, Joel D., Lerman, Bart E., Evans, Craig H.

NUMBER OF CLAIMS: 5

EXEMPLARY CLAIM: 1

LINE COUNT: 12825

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block

copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene. Also disclosed is a copolymer of an olefin and a fluorinated monomer of the formula H_{sub}2 C_{sub}dbd.CH(CH_{sub}2)_{sub}a R_{sub}f R^{sub}42 wherein "a" is an integer of 2 to 20, R_{sub}f is a perfluoroalkylene group optionally containing one or more ether linkages, and R^{sub}42 is a functional group other than fluorine.

L6 ANSWER 5 OF 14 USPATFULL

ACCESSION NUMBER: 2000:28154 USPATFULL
 TITLE: .alpha.-olefins and olefin polymers and processes therefor
 INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 Arthur, Samuel David, Wilmington, DE, United States
 Feldman, Jerald, Hockessin, DE, United States
 McLain, Stephan James, Wilmington, DE, United States
 Kreutzer, Kristina Ann, Wilmington, DE, United States
 Bennett, Alison Margaret Anne, Wilmington, DE, United States
 Coughlin, Edward Bryan, Wilmington, DE, United States
 Ittel, Steven Dale, Wilmington, DE, United States
 Parthasarathy, Anju, Glenmoore, PA, United States
 Tempel, Daniel Joseph, Carrboro, NC, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina Chapel Hill, United States

PATENT ASSIGNEE(S): (U.S. corporation)

NUMBER	KIND	DATE
US 6034259	20000307	
US 1997-891398	19970710 (8)	
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-590650, filed on 24 Jan 1996, now patented, Pat. No. US 5880241 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned	

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Nazaro-Gonzalez, Porfirio

LEGAL REPRESENTATIVE: Citron, Joel D., Evans, Craig H.

NUMBER OF CLAIMS: 113

EXEMPLARY CLAIM: 1,8,13

LINE COUNT: 13488

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block

copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is

L6 ANSWER 5 OF 14 USPATFULL (Continued)

the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene.

L6 ANSWER 6 OF 14 USPATFULL

ACCESSION NUMBER: 1999:72681 USPATFULL
 TITLE: Polymers of C_{sub}4 and higher .alpha.-olefins
 INVENTOR(S): Brookhart, III, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 McCord, Elizabeth Forrester, Hockessin, DE, United States
 McLain, Stephan James, Wilmington, DE, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina at Chapel Hill, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:	APPLICATION INFO.:	RELATED APPLN. INFO.:
US 5916989	19990629	
US 1997-891472	19970710 (8)	
Division of Ser. No. US 1996-590650, filed on 24 Jan 1996 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned		

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Nagumo, Mark

LEGAL REPRESENTATIVE: Citron, Joel D., Evans, Craig H.

NUMBER OF CLAIMS: 7

EXEMPLARY CLAIM: 1

LINE COUNT: 12881

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block

copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene.

L6 ANSWER 7 OF 14 USPATFULL

ACCESSION NUMBER: 1999:43707 USPATFULL
 TITLE: .alpha.-olefin and olefin polymers and processes
 THEREFOR
 INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Chapel Hill, NC, United States
 Arthur, Samuel David, Wilmington, DE, United States
 McCord, Elizabeth Forrester, Hockessin, DE, United States
 McLain, Stephan James, Wilmington, DE, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

NUMBER	KIND	DATE
US 5891963	19990406	
US 1997-891442	19970710 (8)	
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-590650, filed on 24 Jan 1996 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned	

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Nagumo, Mark

LEGAL REPRESENTATIVE: Citron, Joel D., Evans, Craig H.

NUMBER OF CLAIMS: 11

EXEMPLARY CLAIM: 1

LINE COUNT: 12995

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers

can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which give some of them unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene.

L6 ANSWER 8 OF 14 USPATFULL (Continued)

ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene.

L6 ANSWER 8 OF 14 USPATFULL

ACCESSION NUMBER: 1999:37335 USPATFULL
 TITLE: .alpha.-diimines for polymerization catalysts
 THEREFOR
 INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Arthur, Samuel David, Wilmington, DE, United States
 Feldman, Jerald, Hockessin, DE, United States
 Kreutzer, Kristine Ann, Wilmington, DE, United States
 Bennett, Alison Margaret Anne, Wilmington, DE, United States
 Coughlin, Edward Bryan, Wilmington, DE, United States
 Ittel, Steven Dale, Wilmington, DE, United States
 Parthasarathy, Anju, Glenmoore, PA, United States
 Tempel, Daniel Joseph, Carrboro, NC, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

NUMBER	KIND	DATE
US 5886224	19990323	
US 1997-891403	19970710 (8)	
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-590650, filed on 24 Jan 1996 And a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned	

PATENT INFORMATION: NUMBER DATE

PRIORITY INFORMATION:	NUMBER	DATE
US 1995-2654P	19950822 (60)	
US 1995-7375P	19951115 (60)	

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Nagumo, Mark

LEGAL REPRESENTATIVE: Citron, Joel D., Evans, Craig H.

NUMBER OF CLAIMS: 4

EXEMPLARY CLAIM: 1

LINE COUNT: 12949

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers

can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which give some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of

L6 ANSWER 9 OF 14 USPATFULL

ACCESSION NUMBER: 1999:31002 USPATFULL
 TITLE: Processes for making .alpha.-olefins
 THEREFOR
 INVENTOR(S): Brookhart, III, Maurice S., Chapel Hill, NC, United States
 Johnson, Lynda Kaye, Wilmington, DE, United States
 Killian, Christopher Moore, Gray, TN, United States
 Wang, Lin, Hockessin, DE, United States
 Yang, Zhen-Yu, Wilmington, DE, United States
 E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
 University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:	NUMBER	DATE
US 5880323	19990309	
APPLICATION INFO.:	US 1997-891331	19970710 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-590650, filed on 24 Jan 1996 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned	

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Nagumo, Mark

LEGAL REPRESENTATIVE: Evans, Craig H., Citron, Joel D.

NUMBER OF CLAIMS: 20

EXEMPLARY CLAIM: 1

LINE COUNT: 12089

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block copolymers

can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which give some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-dimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-dimine nickel complexes with ethylene.

L6 ANSWER 10 OF 14 USPATFULL

ACCESSION NUMBER: 1999:30922 USPATFULL

TITLE: Olefin polymers

INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
Johnson, Lynda Kaye, Wilmington, DE, United States
Killian, Christopher Moore, Chapel Hill, NC, United States
McCord, Elizabeth Forrester, Hockessin, DE, United States
McLain, Stephan James, Wilmington, DE, United States
Kreutzer, Kristina Ann, Wilmington, DE, United States
Ittel, Steven Dale, Wilmington, DE, United States
Tempel, Daniel Joseph, Carrboro, NC, United States
E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

US 5880241 19990309
US 1996-590650 19960124 (8)
Continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block

copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-diimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 11 OF 14 USPATFULL (Continued)

ethylene using as a catalyst system a combination a nickel compound having a selected .alpha.-diimine ligand and a selected Lewis or Brønsted acid, or by contacting selected .alpha.-diimine nickel complexes with ethylene.

L6 ANSWER 11 OF 14 USPATFULL

ACCESSION NUMBER: 1999:16016 USPATFULL

TITLE: Processes of polymerizing olefins

INVENTOR(S): Brookhart, Maurice S., Chapel Hill, NC, United States
Johnson, Lynda Kaye, Wilmington, DE, United States
Killian, Christopher Moore, Gray, TN, United States
Arthur, Samuel David, Wilmington, DE, United States
Feldman, Jerald, Hockessin, DE, United States
McCord, Elizabeth Forrester, Hockessin, DE, United States
McLain, Stephan James, Wilmington, DE, United States
Kreutzer, Kristina Ann, Wilmington, DE, United States
Bennett, Alison Margaret Anne, Wilmington, DE, United States
Coughlin, Edward Bryan, Wilmington, DE, United States
Ittel, Steven Dale, Wilmington, DE, United States
Parthasarathy, Anju, Glenmoore, PA, United States
Wang, Lin, Hockessin, DE, United States
Yang, Zhen-Yu, Wilmington, DE, United States
E. I. du Pont de Nemours and Company, Wilmington, DE, United States (U.S. corporation)
University of North Carolina, Chapel Hill, NC, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

US 5866663 19990202
US 1997-891332 19970710 (8)
Division of Ser. No. US 1996-590650, filed on 24 Jan 1996 which is a continuation-in-part of Ser. No. US 1995-473590, filed on 7 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-415283, filed on 3 Apr 1995, now abandoned which is a continuation-in-part of Ser. No. US 1995-378044, filed on 24 Jan 1995, now abandoned

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed herein are processes for polymerizing ethylene, acyclic olefins, and/or selected cyclic olefins, and optionally selected olefinic esters or carboxylic acids, and other monomers. The polymerizations are catalyzed by selected transition metal compounds, and sometimes other co-catalysts. Since some of the polymerizations exhibit some characteristics of living polymerizations, block

copolymers can be readily made. Many of the polymers produced are often novel, particularly in regard to their microstructure, which gives some of them

unusual properties. Numerous novel catalysts are disclosed, as well as some novel processes for making them. The polymers made are useful as elastomers, molding resins, in adhesives, etc. Also described herein is the synthesis of linear .alpha.-olefins by the oligomerization of

L6 ANSWER 12 OF 14 USPATFULL

ACCESSION NUMBER: 1998:58109 USPATFULL

TITLE: MR imaging compositions and methods

INVENTOR(S): Snow, Robert A., West Chester, PA, United States
Ladd, David L., Wayne, PA, United States
Toner, John L., Downingtown, PA, United States
Hollister, K. Robert, Chester Springs, PA, United States
Sterling Winthrop Inc., New York, NY, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

US 5756688 19980526
US 1993-121133 19930914 (8)
Continuation-in-part of Ser. No. US 1992-960746, filed on 14 Oct 1992

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides compositions useful in MR imaging comprising a polymer comprising units comprising the residue of a chelating agent linked to a poly(alkylene oxide) moiety, the polymer having a paramagnetic metal ion associated therewith.

L6 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1992:31095 CAPLUS
 DOCUMENT NUMBER: 116:31095
 TITLE: Kinetics and mechanism of low-temperature
 photochemical chlorination of perfluoro
 alkyl vinyl ethers
 AUTHOR(S): Gorshkov, A. A.; Chernyavskii, A. I.; Tupikov, V. I.;
 Lazareva, R. P.
 CORPORATE SOURCE: Nauchno-Issled. Fiz.-Khim. Inst. im. Karpova, USSR
 SOURCE: Khim. Vys. Energ. (1991), 25(5), 448-54
 CODEN: KHVKA0; ISSN: 0023-1193
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 AB Photolysis was studied of Cl₂ in perfluorinated alkyl vinyl ether glasses at 77 K. Chlorination of the matrix by photoproduced Cl atom was a chain reaction and produced 3 types of paramagnetic particles: the end- and middle-chain fluoroalkyl radicals -.bul.CF₂ and -.bul.CF- resp., and paramagnetic Cl donor-acceptor complexes with olefin double bond. The middle chain -.bul.CF₂- radicals were inactive, served as the inhibitors of the chain reaction, and decayed at >115 K.

L6 ANSWER 14 OF 14 USPATFULL
 ACCESSION NUMBER: 71:33412 USPATFULL
 TITLE: METHOD OF PRODUCING NITRILE POLYMERS
 INVENTOR(S): Johns, Irail B., Marblehead, MA, United States
 PATENT ASSIGNEE(S): Monsanto Research Corporation, St. Louis, MO, United States
 NUMBER KIND DATE

 PATENT INFORMATION: US 3609128 19710928
 APPLICATION INFO.: US 1969-871343 19691024 (4)
 RELATED APPLN. INFO.: Division of Ser. No. US 1964-411140, filed on 13 Nov 1964, now patented, Pat. No. US 3502579
 Continuation-in-part of Ser. No. US 1963-324213, filed on 18 Nov 1963, now abandoned
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Schofer, Joseph L.
 ASSISTANT EXAMINER: Kight, John
 LEGAL REPRESENTATIVE: Ferris, L. A., Dickey, R. M., Moshier, M. B.
 NUMBER OF CLAIMS: 5
 LINE COUNT: 930
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Method for producing polymers of nitriles, especially perfluoroglutaronitrile and acetonitrile, in the presence of catalytic materials such as, graphite, nickel chloride, metal cyanocomplexation compounds, e.g., copper phthalocyanine, at elevated temperatures, and in some cases, elevated pressures.

Welcome to STN International! Enter x:x

LOGINID: ssspta16191xw

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3 Jan 29 FSTA has been reloaded and moves to weekly updates
NEWS 4 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6 Mar 08 Gene Names now available in BIOSIS
NEWS 7 Mar 22 TOXLIT no longer available
NEWS 8 Mar 22 TRCTHERMO no longer available
NEWS 9 Mar 28 US Provisional Priorities searched with P in CA/CAplus and USPATFULL
NEWS 10 Mar 28 LIPINSKI/CALC added for property searching in REGISTRY
NEWS 11 Apr 02 PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS 12 Apr 08 "Ask CAS" for self-help around the clock
NEWS 13 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 14 Apr 09 ZDB will be removed from STN
NEWS 15 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 16 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 17 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 18 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 19 Jun 03 New e-mail delivery for search results now available
NEWS 20 Jun 10 MEDLINE Reload
NEWS 21 Jun 10 PCTFULL has been reloaded
NEWS 22 Jul 02 FOREGE no longer contains STANDARDS file segment

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 07:53:25 ON 17 JUL 2002

FILE 'REGISTRY' ENTERED AT 07:53:29 ON 17 JUL 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2002 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 15 JUL 2002 HIGHEST RN 438572-95-3
DICTIONARY FILE UPDATES: 15 JUL 2002 HIGHEST RN 438572-95-3

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See **HELP CROSSOVER** for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details.

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

STN INTERNATIONAL LOGOFF AT 07:53:50 ON 17 JUL 2002